

bx
7/15/04

Detailed Description Of The Preferred Embodiments

In FIGS. 1, 2 and 3, a first preferred embodiment of a lateral flow contact test assembly 10 is illustrated. The assembly 10 comprises a support, or backing, 20. The backing 20 has a supporting side, or surface, 22, an opposite resting side, or surface, 24, a front end 26 and a back end 28. The backing 20 comprises a front portion, 31, a midportion 33, and a rear portion 35.

A contact detection, or contact indicator, pad 40 is disposed on the midportion 33 of the backing 20 on the supporting side 22. A first surface 44 of the pad 40 is coupled to the backing 20. The contact detection pad 40 includes an outwardly facing second surface 45 opposite to the first surface 44, a front end 46, and a back end 47.

In a preferred embodiment, the contact detection pad 40 comprises a contact urinalysis pad 40 having an absorbent carrier 42 with a reagent composition disposed therein. The reagent composition is reactive with a certain chemical or chemicals which may be found in urine. The contact urinalysis pad 40 may comprise an adulteration pad having a reagent composition or compositions to indicate whether a liquid sample has been adulterated. The adulteration pad may provide such an indication by detecting certain adulterants which are not normal constituents of urine, such as bleach or glutaraldehyde, or by detecting an abnormal presence of a normal constituent of urine, such as creatinine.

The contact urinalysis pad 40 may also comprise a bodily substance detection pad having a reagent composition or compositions to detect bodily substances other than antigens or antibodies, such as glucose, bilirubin, ketone, blood, protein,